



WASTE MANAGEMENT PROCEDURES

OBJECTIVE

The objective of this procedure is to specify the methods to be applied for the reduction, collection, storage, transport, recovery and disposal of all wastes in Bagfas area.

SCOPE

Includes waste from the entire facility and port. Subcontractor company wastes are managed in line with contracts made with subcontractor firm.

RESPONSIBLE

Terminal Manager, Operations department, Administrative Affairs
Maintenance department, Environmental Engineer, Hazardous Materials Safety Specialist,
Occupational Health and Safety Specialist

DEFINITIONS

- ☐ **Solid (uncontaminated) Waste:** These are solid wastes which are not contaminated with chemicals, are intended to be disposed by the manufacturer, and must be disposed of regularly to protect the environment. Household wastes (food waste, trash), industrial household waste and packaging waste (wood, nylon, cardboard, etc.) are examined in this category.
- ☐ **Hazardous (contaminant) Waste:** Solids or liquids which produce flammable, explosive, toxic, corrosive, toxic gases in contact with water and air are the wastes described in the Hazardous Waste Control Regulation. (Battery, tire, battery, electronic waste, chemical waste, etc.)
- ☐ **Medical waste:** Wastes which are contaminated with disease carrying substances.
- ☐ **Transportation License:** It is the license which is required to purchase by carrier company from Ministry of Environment and renewed every 3 years and which is used to move hazardous wastes out of the factory

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- ☐ **Disposal License:** It is a license which must be obtained from the Ministry of Environment and renewed every 3 years in order to dispose of hazardous waste by incineration or disposal at overground storage facilities,
- ☐ **Waste Area:** Areas where wastes are stored and labelled according to their class.

APPLICATION

Collection of Wastes:

Wastes generated in the facility are classified according to legal requirements and collected separately in source to waste containers of the following colour and type. The type of waste collected on waste containers is defined.

- ☐ Waste papers are collected in offices "PAPER WASTE" "NAYLON WASTE" boxes, in the "BLUE" color waste containers on the site and taken to the recovery facility at the municipal teams.
- ☐ Domestic solid wastes and industrial wastes are collected in "GREEN" colored waste containers and poured into large garbage containers in the plant in certain periods and they are taken to regular landfills in garbage bags by the Bursa Environmental Protection Association vehicles.
- ☐ Waste "Batteries" units are collected in the "WASTE BATTERY" booth, and when they are filled, they are collected by the TAP association.
- ☐ Waste "Car Batteries" Hazardous waste is collected on site and given to licensed recycling facilities.
- ☐ The chemicals coming out of the units are collected separately in their special containers without mixing.
- ☐ Waste "Fluorescent and Mercurous Bulbs" shall be cardboarded in such a way as not to break, that the hazardous waste is collected in the barrel and given to licensed disposal facility

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- ☐ Electronic wastes are collected in the "ELECTRONIC WASTE" box in the facility and given to licensed recycling facilities.
- ☐ Waste "Cartridges" and "Toners" are packed in sealed plastic bags with hazardous waste collected and sent to a licensed disposal company.
- ☐ Empty oil, paint and chemical barrels are collected and the waste in the hazardous waste area is collected in the empty barrel section.
- ☐ The glass sample bottles produced during the operation are collected in the "ORANGE" colored waste containers on the premises and taken to the hazardous waste area with thick plastic bags
- ☐ Wastes that are known or suspected to be asbestos and waste materials that are out of stock are collected in tightly sealed plastic bags. "CAUTION ASBESTOS" is written on the red background with white colored capital letters to show that it is asbestos.
- ☐ Liquid wastes containing petroleum-derived oils and chemicals are stored in slop tanks in the facility. It is taken to the Hazardous Waste Area by taking into the barrels at certain periods and it is given to the licensed disposal facility by obtaining the customs approval.
- ☐ Waste oils are collected in original containers that are leakproof in case of hazardous waste. Depending on the category, it is sent to the relevant disposal or recycling facility.
- ☐ Medical wastes; It is stored in red sachets in the infirmary and in special boxes for piercing wastes. It is labeled with the medical waste label. When accumulated, it is understood with licensed carriers collecting medical waste and disposal is provided in licensed facilities.
- ☐ Tires that have been deemed to be used as waste are taken to the hazardous waste area and sent to the licensed recovery facility.
- ☐ Excavation wastes are sent to licensed storage areas in accordance with contractual agreement.

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- ☐ Separator sludge, tank bottom sludge and other slurry materials are collected in sealed containers at the waste site and transported and disposed of by licensed companies are provided. Metal waste is sold as scrap.
- ☐ Ship wastes are collected by İzaydaş waste ships in line with the contract made with İzaydaş. Maritime shipbuildings of Marpol 73/78 Annex I, Slop and Marpol Annex II are taken to the Waste Incineration Plant by waste line and appropriate disposal is ensured in accordance with legal requirements.
- ☐ Emissions during tank filling and filling are controlled by measurement and emission allowance.

Transportation of Wastes in the Plant

It is not allowed to pollute the waste by infiltration and spillage by closing the mouth of waste boxes. The movements of the waste from the collection containers in the units where they are collected to the temporary places in the waste area are made by the Maintenance Department and Environmental Engineer. All employees are responsible for disposing of waste in accordance with relevant points.

If the wastes are to be transported from outside the facility to the waste site, they are transported using licensed vehicles

Waste Labeling And Storage Waste Site

The Department of Hazardous Waste is responsible for the Maintenance Department and Environmental Engineer and security officer. The hazardous waste site is kept under lock. All employees are responsible for the disposal of waste at the relevant points.

Wastes brought to the waste area are defined by the Terminal Directorate with labels containing the waste type, date, quantity.

The records are kept by Environmental Engineer. These labels must be prepared in accordance with the Regulation on the Control of Hazardous Wastes Bu. Tightness of the wastes is provided by the waste generating unit.

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It is the responsibility of the all workers division to create a "Waste Tracing Schedule" and to register the wastes for the wastes sent to the waste site.

A settlement plan was created to assess the wastes that could interact with each other in the Waste Field and not to create an environmental risk. All wastes are left regularly in the relevant areas, according to the type on the sign.

Impregnation of the waste storage base is ensured and the outflow of the leaks is prevented by the ceiling. Absorbent materials and emergency equipment are available for the collection of chemical spills and spills that may be caused by the waste. In the event of a possible accident, Environmental Engineer, Hazardous, Occupational Health and Safety Specialist the division is informed.

Carriage of Wastes Outside of the Plant, Disposal and Recovery Operations

Hazardous wastes; no more than 6000 kg of waste may be stored temporarily in storage for up to 180 days. For other wastes, the waste area is full, the carrier is called and sent to the disposal / recycling companies.

Hazardous waste is sent to licensed disposal / recycling companies. Before each shipment, the license documents of the vehicle and the company are checked. The following points are followed during submission:

Hazardous wastes are sent to licensed, disposal / recycling companies. The license documents of the vehicle and the company are checked before each shipment. During the shipment, the unit that produces hazardous waste will stick the label and MSDS on the wastes, the type and the quantity of the substance.

Written information is given to the environmental engineer. Waste Management Regulation is applied.

Ship wastes are sent to licensed disposal companies under the supervision of administrative delegation. The Waste Management Regulation is applied during the submission.

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